EOSDIS Project Scientist Presentation

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MODIS Science Team Meeting

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EOSDIS Project Scientist Activities

- **Cross Organization Communication**
    - ° SOFT Science Sub-Panel and other Focus Teams
    - ° AM-1 Science Software Development Telecons
    - ° Instrument Science Team Meetings
    - ° DAAC User Working Group Meetings
- **Summary of Issues Identified**
- **Issue Work-off Planning**

Issues Identified

- **Science Data Processing Requirements:**
  - ° current requirements believed to exceed budget
  - ° requirements linkage to costs
  - ° management of requirements uncertainty and growth
  - ° I/O requirements and implication require further study
  - ° record science algorithm process information
  - ° meta data requirements (including QA and browse)
  - ° document EOS product advancements (accuracy, resolution, coverage)

Issues Identified

- **Coordination:**
    - toolkit, algorithm and DAAC H/W scheduling
    - science product QA
    - data product import/export between science teams
    - reprocessing coordination
    - availability and support for non-EOS products
    - cross-DAAC coordination (product support and transition)
    - phase-in schedule for post-launch products
    - promote end-to-end product support
      (DAACs, science teams, HAIS, ESDIS Project)

Issues Identified

- **HDF Implementation:**
  - ° availability of support for instrument/product specific requirements
  - ° efficiency (data processing, I/O, storage)
  - ° ESDIS guidelines for usage
  - ° S/W Maturity and Documentation

- **Other:**
  - ° disposition of NSSDC Earth Science Data Sets
  - ° document/clarify science advisory process (RID from SRR)
  - ° resolution of other RIDS from SRR
  - ° DEM development

Issue Work-off Planning

- **Issue Analysis**
  - ° clarification
  - ° prioritization
  - ° white papers
  - ° studies
  - ° coordination

- **Monitor Resolution Status**
  - ° Note assignment of responsibilities
  - ° Track Milestones and Schedule
  - ° Distribute Recommendations for Review and Comment
  - ° Verify with originator(s) that issue can be closed